

Snowflake Bulk

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For the Snowflake connector, SAP Open Connectors provides native bulk as an option to upload / download large number of resources, such as contacts, into a cloud service all at once. The Bulk APIs require the name of the object identified within the cloud service and a .csv or a .json file with populated data included in each request. SAP Open Connectors provides discovery services to get a list of available objects.

Note: To perform a Bulk upload / download, you will need to pass the **AWS Bucket Name**, **AWS Access Key ID** and **AWS Secret Access Key** as mandatory credentials while provisioning an instance. If you leave any of the above mentioned fields empty, it throws an error as shown in the screenshot below.

200

Response body

```
{
  "metadata": "{\\\"format\\\":\\\"json\\\"}",
  "recordsFailedCount": 0,
  "canonical_object": "EMPLOYEE",
  "job_direction": "UPLOAD",
  "bulk_start_time": "2019-12-19T18:59:57.528Z",
  "error": "Required Parameters are Missing. Please Edit the instance Configuration.",
  "recordsCount": 0,
  "instanceId": 146,
  "object_name": "EMPLOYEE",
  "id": "114",
  "bulk_finish_time": "2019-12-19T18:59:57.627Z",
  "fileFormat": "json",
  "status": "ABORTED"
}
```

If you configured the **Callback Notification Signature Key** (`event.notification.signature.key`) when you authenticated a connector instance, the bulk APIs will use the signature key to provide hash verification in the header of bulk jobs. For more information, see [Hash Verification](#).